

HEWLETT-PACKARD



MICRO 3000 HP 3000 Computer Systems

Description

HP's MICRO 3000 is a complete entry level business system which is the choice of many small-to-medium size businesses and large companies for branch office and departmental applications. It brings the power of concurrent transaction processing, word processing, batch processing and data management to the office environment. The MICRO 3000 utilizes a friendly menu-driven user interface which simplifies the operation and use of the system. Two versions of the MICRO 3000 system are available; the Entry Level System provides a powerful yet inexpensive solution for small businesses, the Full Size System, which has increased memory and disc capacity, is ideal for branch office and departmental applications. Software compatibility preserves your software investment by providing a smooth and conversion free growth path to larger HP 3000 systems. The low operating and maintenance requirements for hardware, software and personnel provide a system that is affordable today and tomorrow.

Entry Level System

System Processor
2 Mb Main Memory
81 Mb Winchester Disc
67 Mb Cartridge Tape Backup
1 HP 2392A Terminal and Cable
8 Direct Ports (including 4 Modem)
System Cabinet
Fundamental Operating Software
HP Easytime User Interface

Full Size System

System Processor
4 Mb Main Memory
130 Mb Winchester Disc
67 Mb Cartridge Tape Backup
1 HP 2392A Terminal and Cable
8 Direct Ports (including 4 Modem)
System Cabinet
Fundamental Operating Software
HP Easytime User Interface

MICRO 3000 can also be purchased as a standalone unit for customized systems.

Features

- Friendly, menu-driven user interface for operation and ease of use
- Compact, quiet design for the office
- One-step startup
- Software compatible with entire HP 3000 family
- Compatible upgrade path for future growth
- Complete selection of data communications solutions
- Complete selection of business application software
- High performance through use of NMOS III VLSI CPU and 1 Mbit DRAM technology

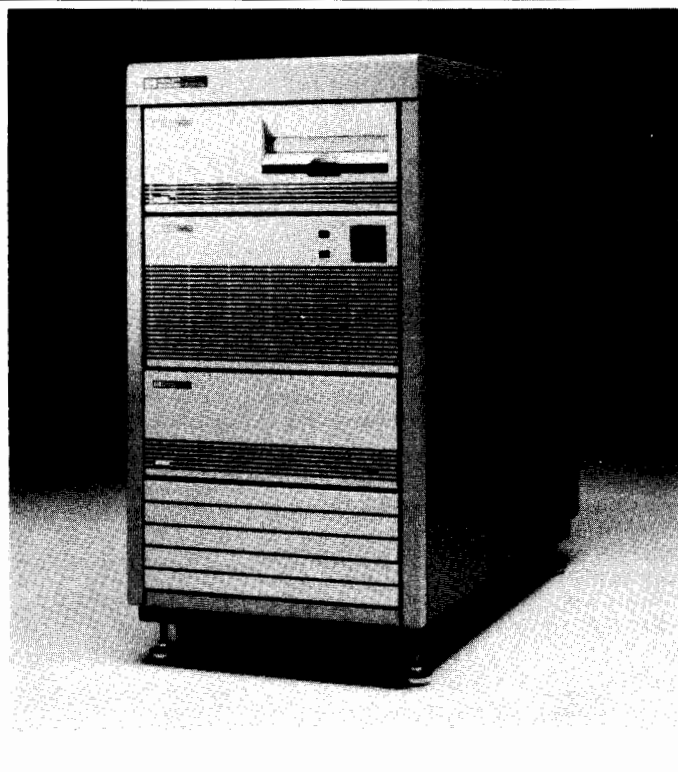
System Specifications

Memory

2 or 4 Mb systems available.

I/O Performance

Disc caching utilizes available main memory to optimize I/O performance.



Workstations and Personal Computers

8 ports are standard (8 direct including 4 modem). Expandable to 16 (16 direct including 8 modem). Interfaces with data entry, word processing and graphics terminals, and personal computers. Supports a range of office application software that integrates personal computer capabilities with the MICRO 3000.

Disc Drives

Standard with an 81 Mb or 130 Mb disc drive. Also supports 307 Mb and 571 Mb disc drives. Maximum of 2.2 Gb.

Tape Drives

Standard with 67 Mb cartridge tape drive. Support for 1600, 1600/6250 bpi tape drives, and tape cartridge autochanger.

Printers

Support for 100/200 cps dot matrix, 8 ppm laser, and 40 cps daisywheel printers. Also supports 300 and 600 lpm impact printers.

Communication Lines

One synchronous line for system-to-system communication.

One local area network (LAN) for system-to-system and personal computer communication.

Power Failure Recovery

15 minute battery backup of system memory with automatic system recovery when power resumes.

Compatibility

Compatible with the full line of HP 3000 systems.

Software

Operating Systems

MPE V/E – MultiProgramming Executive
Disc I/O Caching
HP Easytime User Interface

Utilities

EDIT/V
FCOPY/V
SORT-MERGE/V

Native Language Support

Allows tailoring of applications to a variety of international language needs.

Application Development

BASIC/V
HP Business BASIC/V
COBOL II/V
FORTRAN 66/V
HP FORTRAN 77/V
Pascal/V
RPG/V
SPL/V
VPLUS/V

Data entry and forms management
TRANSACTION/V
High-level macro language for fast, transaction-oriented application development
HP Toolset/V – Program development system

Integration and Transparency

DICTIONARY/V
Data Dictionary for use with RAPID/V
SYSTEM DICTIONARY
Extensible data dictionary offering programmatic access
Office Productivity Services
Information Access PC & IMAGE 3000 database access for PCs

Reporting and Presentation

Query/V – Database inquiry system
INFORM/V
Interactive prompting inquiry and preformatted report generation facility
REPORT/V
Non-procedural report writer
Business Report Writer/V
Menu-driven report writing system

Information Storage

TurboIMAGE/V
Database management system
TurboIMAGE DBChange/V
Database restructuring utility
TurboIMAGE Profiler/V
Database performance tool
HPSQL/V
Relational database management system
Silhouette/3000
Database high availability product
COPYCAT/V
Disc to disc backup tool
KSAM/V
File system using Keyed Sequential Access Method

Office Systems

HPWORD/3000
Keystroke interactive word processor
HPSLATE – Full-screen text editor
TDP/3000 – Text and Document Processor
DSG/3000 – Decision Support Graphics
IDS/3000 – Interactive Design System
IFS/3000 – Interactive Formatting System

HP Draw

Text and figure presentation graphics
HP EasyChart – Chartmaker graphics
HP Graphics Curator/3000
Host converter between HP 3000 Figure files and Graphics Gallery files on a personal computer
HP Menu – Interactive office menu facility
HP DeskManager – Electronic mail system
Office Productivity Services – Resource Sharing
HP 3000 printing, disc, and file back up resources for personal computers
Print Central/3000
Host printer server for personal computers
HP Map – Business map maker
HP Spell – American and English dictionary
HP ListKeeper
Personal information management
HP Telex – Telex communication
Deluxe VisiCalc/3000 – Spreadsheet analysis

Network Software

DS – Distributed Systems Network
RJE – Remote Job Entry 2780/3780 emulation
MRJE
Multileaving Remote Job Entry – HASP II/JES/ASP workstation emulation
SNA NRJE
SNA Network Remote Job Entry – 8100
DPPX/RJE workstation emulation
SNA IMF
Interactive Mainframe Facility 3274/3276 emulation using SNA PU2 protocol
NS3000/V – Network Services
IMF
Interactive Mainframe Facility 3270 emulation
X.25
Package switching network
Workstation Configurator

Financial Software

HPFA
Integrated Financial Accounting Systems
HPPAY – Payroll processing system

Manufacturing Software

MM/3000 – Materials Management System
PM/3000 – Production Management system

HP Maintenance Management

Manufacturing Operations
Maintenance Control

Performance Measurement

OPT/3000
On-line Performance Tool
Performance measurement package
APS/3000 – Application Program Sampler

Conversion Software

Transform/3000
Transforms tools and utilities to move application software from IBM S/34 to HP 3000 systems.
Process Monitor
Menu processor that interprets IBM S/34/36 procedure files to run on MPE.

Third Party Software

Inventory Planning and Merchandising System
CSI GrowthPower
JobScope

A wide variety of applications developed by independent software vendors is available for the HP 3000. Contact your HP Sales Representative for further information.

Environmental Specifications*

Processor Physical Specifications

Height: 179 mm/7.1 inches
Width: 325 mm/12.8 inches
Depth: 419 mm/16.5 inches
Weight: 13.6 kg/30 lbs.

System Physical Specifications

Height: 720 mm/29 inches
Width: 375 mm/15 inches
Depth: 711 mm/28.5 inches
Weight: 68 kg/150 lbs.

Relative Operating Humidity

20-80% RH @ 40°C Non-condensing

Operating Temperature Range

10-40°C/50-104°F

Acoustics

Sound pressure level: 49 dB(A) ref 20 μ Pa @ 1 m
Sound power level: 4.9 Bels ref 1 sq m

Heat Dissipation

Processor: 413 Kcal, gm/hr 1639 Btu/hr
System: 684 Kcal, gm/hr 2817 Btu/hr

Line Voltage Frequency

100-120 VAC Nominal $\pm 10\%$ (48-66 Hz.)
200-240 VAC Nominal $\pm 10\%$ (48-66 Hz.)

Line Current

Processor
3 amps @ 100-120 VAC, 50-60 Hz.
2 amps @ 200-240 VAC, 50-60 Hz.
System
6 amps @ 115 VAC, 50-60 Hz.
4 amps @ 230 VAC, 50-60 Hz.

* For a minimum configuration including SPU, 7957 disc and 9144 tape backup mounted in the system cabinet and a console. Specifications are established using the tightest specifications of the components. Specifications may vary depending on the components added. Unless labeled, the specifications apply to both the processor and the system.

Regulation Compliance

Safety

UL Listed for Information Processing and Business Equipment; C.S.A. Certified for Data Processing Equipment; I.E.C. Compliance for Data Processing and Office Machines

E.M.C.

Compliant with F.C.C. class A
Compliant with V.D.E. level B

Support Services

A wide range of hardware and software support services are available worldwide for all systems in the HP 3000 computer family. These services include 99% Guaranteed Uptime, Custom Support and Tele-Support. In addition, HP offers a variety of services tailored to the entry level customer. Our HP ASSIST consulting services will help you analyze your application needs and implement HP solutions. Contact your HP Sales Representative or Value Added Reseller for a complete description of hardware and software services.

NOTICE: The information contained in this document is subject to change without notice. Consult your HP sales representative for most current information.